

H-IIA Launch Vehicle No.21 Flight Sequence (Quick Estimation)

Event	Actual *1	Plan
1. Lift Off	0 min. 0 sec.	0 min. 0 sec.
2. SRB-A Burn Out	1 min. 50 sec.	1 min. 56 sec.
3. SRB-A Separation	2 min. 5 sec.	2 min. 6 sec.
4. Upper Payload Fairing Separation	4 min. 4 sec.	4 min. 6 sec.
5. First Stage Main Engine Cut Off (MECO)	6 min. 30 sec.	6 min. 31 sec.
6. 1st Stage Separation	6 min. 39 sec.	6 min. 39 sec.
7. Second Stage Engine Ignition (SEIG)	6 min. 48 sec.	6 min. 45 sec.
8. Second Stage Engine Cut Off (SECO)	15 min. 13 sec.	15 min. 22 sec.
9. KOMPSAT-3 Separation	16 min. 3 sec.	16 min. 13 sec.
10. Payload Adapter Separation	19 min. 8 sec.	19 min. 18 sec.
11. Lower Payload Faring Separation	19 min. 13 sec.	19 min. 23 sec.
12. GCOM-W1 Separation	22 min. 59 sec.	23 min. 8 sec.
13. SDS-4 Separation *2	33 min. 7 sec.	33 min. 17 sec.
14. Horyu-2 Separation *2	49 min. 47 sec.	49 min. 57 sec.

*1 Quick estimation value prior to the detailed estimation

*2 The time values show the time point of separation signals.